

| Ref # | Hits | Search Query  | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|------|---|---|------------------|---------|------------------|
| S1    | 2    | 347/85-87.ccls. and (porous near chamber\$1 near (cartridge container body))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/08/08 08:06 |
| S2    | 0    | ("2001/0015743").URPN.  | USPAT                                       | OR               | OFF     | 2005/03/16 11:40 |
| S3    | 87   | 347/85-87.ccls. and (((porous foam\$1) near chamber\$1) same (cartridge container body))  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/03/16 13:17 |
| S4    | 16   | ("3972547"   "4514742"   "4700202"   "4827280"   "4893138"   "4965596"   "5040002"   "5244092"   "5279410"   "5359357"   "5552816"   "5631682"   "5657058"   "5666146"   "5790157"   "5886721").PN.                         | US-PGPUB;<br>USPAT;<br>USOCR                | OR               | OFF     | 2005/03/16 11:52 |
| S5    | 30   | 347/85-87.ccls. and (chamber\$1 near valve\$1) and printhead\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/03/16 13:18 |
| S6    | 12   | ("3896853"   "3941149"   "4152710"   "4514742"   "4520369"   "4677447"   "4744109"   "5039997"   "5040002"   "5555238"   "5646664"   "5751319").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                | OR               | OFF     | 2005/03/16 13:21 |
| S7    | 147  | 347/85-87.ccls. and (first with chamber) and (second with chamber) and (first with valve) and (second with valve)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/04/28 13:15 |
| S8    | 2    | S7 and (temperature with (sensor\$1 detector\$1)) and bag\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/04/28 13:09 |
| S9    | 18   | ("3895519"   "4558326"   "4639738"   "4811035"   "4872489"   "4910529"   "4935751"   "4967207"   "4973993"   "4998115"   "4998116"   "5079570"   "5146783"   "5396316"   "5461466"   "5519474"   "5526683"   "5583545").PN. | US-PGPUB;<br>USPAT;<br>USOCR                | OR               | OFF     | 2005/03/16 13:27 |
| S10   | 112  | 347/85-87,93.ccls. and (first with chamber) and (second with chamber) and (first with valve) and (second with valve) and filter\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/04/28 13:50 |
| S11   | 1    | S10 and (temperature with (sensor\$1 detector\$1)) and bag\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR               | OFF     | 2005/04/28 13:09 |

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| S12 | 1581 | (347/4.ccls. "137"/\$.ccls. "251"/\$.ccls.) and (first with chamber) and (second with chamber) and (first with valve) and (second with valve) and filter\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT | OR | OFF | 2005/04/28 13:16 |
| S13 | 1534 | ("347"/\$.ccls. "137"/\$.ccls. "251"/\$.ccls.) and (first with chamber) and (second with chamber) and (first with valve) and (second with valve) and filter\$1   | USPAT;<br>EPO; JPO;<br>DERWENT              | OR | OFF | 2005/04/28 13:17 |
| S14 | 124  | S13 and (temperature near (sens\$3 detect\$3))   | USPAT;<br>EPO; JPO;<br>DERWENT              | OR | OFF | 2005/04/28 13:21 |
| S15 | 1    | S14 and (heat\$3 near chamber\$1)  | USPAT;<br>EPO; JPO;<br>DERWENT              | OR | OFF | 2005/04/28 13:18 |
| S16 | 2    | S14 and (printhead\$1 inkjet)  | USPAT;<br>EPO; JPO;<br>DERWENT              | OR | OFF | 2005/04/28 13:21 |
| S17 | 3    | ("3761953"   "3929071"   "4555712").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2005/04/28 13:24 |
| S18 | 3    | ((("6000788") or ("5838351") or ("5583545")).PN.   | USPAT                                       | OR | OFF | 2005/04/28 13:25 |
| S19 | 25   | ((("6371607") or ("6312113") or ("6116727") or ("5988802") or ("5936650") or ("5886718") or ("5505339") or ("4968998") or ("4346388") or ("6478415") or ("5040002") or ("5923353") or ("5980028") or ("6290323") or ("4190846") or ("5455605") or ("4658268") or ("4320407") or ("4929963") or ("6428156") or ("6431694") or ("6024441") or ("5818485") or ("5017941") or ("4897762")).PN. | USPAT                                       | OR | OFF | 2005/04/28 14:45 |
| S20 | 20   | ("5578813"   "5631681"   "5644139"   "5778347"   "5841454"   "5842793"   "5848849"   "5852459"   "5853251"   "5854646"   "5880448"   "5887992"   "5927872"   "5963237"   "5971521"   "5975689"   "5988900"   "5994710"   "6042216"   "6168258").PN.  | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2005/04/28 20:15 |
| S21 | 680  | 347/17,84-87,93.ccls. and chamber\$1 and valve\$1 and (sen\$3 detect\$3)   | US-PGPUB;<br>USPAT;<br>USOCR                | OR | OFF | 2005/04/28 20:16 |

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| S22 | 65   | 347/17,84-87,93.ccls. and (first near chamber\$1) and (second near chamber\$1) and valve\$1 and (sens\$3 detect\$3) | USPAT; EPO; JPO | OR | ON  | 2005/04/28 21:07 |
| S23 | 14   | "6213598"   | USPAT           | OR | ON  | 2005/04/28 21:09 |
| S24 | 0    | "6213598.pn."   | USPAT           | OR | ON  | 2005/04/28 21:07 |
| S25 | 532  | vo-\$.xp. and "347"/\$.ccls.  | USPAT           | OR | ON  | 2005/04/28 21:09 |
| S26 | 77   | S25 and (ink near heat\$3)  | USPAT           | OR | ON  | 2005/04/28 21:15 |
| S27 | 0    | S26 and (temperature near (sens\$3 detect\$3)) and S23  | USPAT           | OR | ON  | 2005/04/28 21:11 |
| S28 | 6    | S26 and (temperature near (sens\$3 detect\$3))  | USPAT           | OR | ON  | 2005/04/28 21:11 |
| S29 | 4    | S25 and (cartridge near heat\$3)  | USPAT           | OR | ON  | 2005/04/28 21:17 |
| S30 | 9    | S25 and cartridge and (temperature near (sens\$3 detect\$3)) and heater\$1  | USPAT           | OR | ON  | 2005/04/28 21:24 |
| S31 | 42   | 347/84-87.ccls. and cartridge and (temperature near (sens\$3 detect\$3)) and heater\$1                              | USPAT           | OR | ON  | 2005/04/29 10:51 |
| S32 | 771  | 347/84-87.ccls. and (heater\$1 heating)   | USPAT           | OR | ON  | 2005/04/29 08:15 |
| S33 | 627  | 347/84-87.ccls. and ((heater\$1 heating) with ink)  | USPAT           | OR | ON  | 2005/04/29 08:06 |
| S34 | 57   | S33 and (temperature with (sensor\$1 detector\$1))  | USPAT           | OR | ON  | 2005/04/29 08:07 |
| S35 | 42   | 347/84-87.ccls. and (heat\$3 near chamber)  | USPAT           | OR | ON  | 2005/04/29 08:20 |
| S36 | 31   | 347/84-87.ccls. and (heat\$3 near (cartridge container))  | USPAT           | OR | ON  | 2005/04/29 08:41 |
| S37 | 0    | 347/84-87.ccls. and (heat\$3 near "in" near (cartridge container))  | USPAT           | OR | ON  | 2005/04/29 08:41 |
| S38 | 19   | (heat\$3 heater\$1) near "in" near (cartridge container)  | USPAT           | OR | OFF | 2005/04/29 08:44 |
| S39 | 3406 | "347"/\$.ccls. and hewlett  | USPAT           | OR | OFF | 2005/04/29 09:40 |
| S40 | 118  | S39 and do-\$.xa.   | USPAT           | OR | OFF | 2005/04/29 09:41 |
| S41 | 7    | S40 and (temperature near sensor\$1)  | USPAT           | OR | OFF | 2005/04/29 09:43 |
| S42 | 68   | 347/84-87.ccls. and (temperature near sensor\$1)  | USPAT           | OR | OFF | 2005/04/29 09:46 |
| S43 | 27   | 347/84-87.ccls. and (temperature near sensors)  | USPAT           | OR | OFF | 2005/04/29 10:05 |
| S44 | 12   | 347/84-87.ccls. and ((temperature near sensors) with printhead)   | USPAT           | OR | OFF | 2005/04/29 10:05 |
| S45 | 0    | 347/84-87.ccls. and cartridge and (pump near motor near clutch\$2)  | USPAT           | OR | ON  | 2005/04/29 10:52 |

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| S46 | 1   | 347/84-87.ccls. and ((pump near motor) same clutch\$2)  | USPAT                        | OR | ON  | 2005/04/29 10:53 |
| S47 | 1   | "5936650".pn.   | USPAT                        | OR | OFF | 2005/08/08 08:09 |
| S48 | 608 | 347/84-87.ccls. and hewlett   | USPAT                        | OR | OFF | 2005/08/08 08:10 |
| S49 | 2   | S48 and ((first near valve) same (first near chamber)) and ((second near valve) same (second near chamber))   | USPAT                        | OR | OFF | 2005/08/08 08:15 |
| S50 | 1   | "6478415".pn.   | USPAT                        | OR | OFF | 2005/08/08 08:15 |
| S51 | 20  | ("5578813"   "5631681"   "5644139"   "5778347"   "5841454"   "5842793"   "5848849"   "5852459"   "5853251"   "5854646"   "5880448"   "5887992"   "5927872"   "5963237"   "5971521"   "5975689"   "5988900"   "5994710"   "6042216"   "6168258").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2005/08/08 08:19 |